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|                 |             |          |                      |   |                     |
|-----------------|-------------|----------|----------------------|---|---------------------|
| APPLICATION NO. | FILING DATE | ABDALLAH | FIRST NAMED INVENTOR | M | ATTORNEY DOCKET NO. |
| 09/111,111      | 03/21/98    |          |                      |   | 42350-F1918         |

LM61/0118

BLAKELY SOKOLOFF TAYLOR & ZAFMAN  
12400 WILSHIRE BOULEVARD  
SEVENTH FLOOR  
LOS ANGELES CA 90025

SEALEY, L

ART UNIT

PAPER NUMBER

01/18/00

DATE MAILED:

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

|  |                                      |  |
|--|--------------------------------------|--|
| <b>Notice of Allowability</b>  | Application No.<br><b>09/053,006</b> | Applicant(s)<br><b>Abdallah et al.</b> |
|  | Examiner<br><b>Lance Sealey</b>      | Group Art Unit<br><b>2772</b>          |
| <p>All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance and Issue Fee Due or other appropriate communication will be mailed in due course.</p> <p><input checked="" type="checkbox"/> This communication is responsive to <u>the filing of 3/31/98</u>.</p> <p><input checked="" type="checkbox"/> The allowed claim(s) is/are <u>1-23</u>.</p> <p><input type="checkbox"/> The drawings filed on _____ are acceptable.</p> <p><input type="checkbox"/> Acknowledgement is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d).</p> <p><input type="checkbox"/> All   <input type="checkbox"/> Some*   <input type="checkbox"/> None   of the CERTIFIED copies of the priority documents have been</p> <p style="margin-left: 20px;"><input type="checkbox"/> received.</p> <p style="margin-left: 20px;"><input type="checkbox"/> received in Application No. (Series Code/Serial Number) _____.</p> <p style="margin-left: 20px;"><input type="checkbox"/> received in this national stage application from the International Bureau (PCT Rule 17.2(a)).</p> <p>*Certified copies not received: _____.</p> <p><input type="checkbox"/> Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e).</p> <p>A SHORTENED STATUTORY PERIOD FOR RESPONSE to comply with the requirements noted below is set to EXPIRE THREE MONTHS FROM THE "DATE MAILED" of this Office action. Failure to timely comply will result in ABANDONMENT of this application. Extensions of time may be obtained under the provisions of 37 CFR 1.136(a).</p> <p><input type="checkbox"/> Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL APPLICATION, PTO-152, which discloses that the oath or declaration is deficient. A SUBSTITUTE OATH OR DECLARATION IS REQUIRED.</p> <p><input checked="" type="checkbox"/> Applicant MUST submit NEW FORMAL DRAWINGS</p> <p><input type="checkbox"/> because the originally filed drawings were declared by applicant to be informal.</p> <p><input checked="" type="checkbox"/> including changes required by the Notice of Draftsperson's Patent Drawing Review, PTO-948, attached hereto or to Paper No. _____.</p> <p><input type="checkbox"/> including changes required by the proposed drawing correction filed on _____, which has been approved by the examiner.</p> <p><input type="checkbox"/> including changes required by the attached Examiner's Amendment/Comment.</p> <p>Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the reverse side of the drawings. The drawings should be filed as a separate paper with a transmittal letter addressed to the Official Draftsperson.</p> <p><input type="checkbox"/> Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.</p> <p>Any response to this letter should include, in the upper right hand corner, the APPLICATION NUMBER (SERIES CODE/SERIAL NUMBER). If applicant has received a Notice of Allowance and Issue Fee Due, the ISSUE BATCH NUMBER and DATE of the NOTICE OF ALLOWANCE should also be included.</p> <p><b>Attachment(s)</b></p> <p><input checked="" type="checkbox"/> Notice of References Cited, PTO-892</p> <p><input checked="" type="checkbox"/> Information Disclosure Statement(s), PTO-1449, Paper No(s). <u>5</u></p> <p><input checked="" type="checkbox"/> Notice of Draftsperson's Patent Drawing Review, PTO-948</p> <p><input type="checkbox"/> Notice of Informal Patent Application, PTO-152</p> <p><input type="checkbox"/> Interview Summary, PTO-413</p> <p><input type="checkbox"/> Examiner's Amendment/Comment</p> <p><input type="checkbox"/> Examiner's Comment Regarding Requirement for Deposit of Biological Material</p> <p><input checked="" type="checkbox"/> Examiner's Statement of Reasons for Allowance</p> |                                      |  |

*Response to Amendment*

**REASONS FOR ALLOWANCE**

The following is an Examiner's Statement of Reasons for Allowance: No prior art anticipates or suggests a single programming instruction that accesses a first data operand having a data element, accesses a second packed data operand having at least two data elements, and inserts the data element in the first data operand into a field of a destination register, as disclosed in applicant's independent claims.

Any comments considered necessary by the applicant must be submitted no later than the payment of the Issue Fee and, to avoid processing delays, should preferably **accompany** the Issue Fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance." Any inquiry concerning this communication should be directed to Exr. Lance W. Sealey at (703) 305-0026 (voice), (703) 308-6606 (fax).



MARK R. POWELL  
SUPERVISORY PATENT EXAMINER  
GROUP 2700



UNIT STATES DEPARTMENT OF COMMERCE  
Patent and Trademark Office

NOTICE OF ALLOWANCE AND ISSUE FEE DUE

LM61/0118

BLAKELY SOKOLOFF TAYLOR & ZAFMAN  
12400 WILSHIRE BOULEVARD  
SEVENTH FLOOR  
LOS ANGELES CA 90025

| APPLICATION NO.       | FILING DATE                                 | TOTAL CLAIMS | EXAMINER AND GROUP ART UNIT | DATE MAILED   |
|-----------------------|---|--------------|-----------------------------|---------------|
| 09/053,006            | 03/31/98                                    | 023          | SEALEY, L                   | 2772 01/18/00 |
| First Named Applicant | ABDALLAH, 35 USC 154(b) term ext. = 0 Days. |              |                             |               |

TITLE OF SYSTEM AND METHOD FOR PERFORMING AN INSERT-EXTRACT INSTRUCTION  
INVENTION (AS AMENDED)

| ATTY'S DOCKET NO. | CLASS-SUBCLASS | BATCH NO. | APPLN. TYPE | SMALL ENTITY | FEES DUE  | DATE DUE |
|-------------------|----------------|-----------|-------------|--------------|-----------|----------|
| 2 42390.P4918     | 345-419.000    | H07       | UTILITY     | NO           | \$1210.00 | 04/18/00 |

**THE APPLICATION IDENTIFIED ABOVE HAS BEEN EXAMINED AND IS ALLOWED FOR ISSUANCE AS A PATENT.  
PROSECUTION ON THE MERITS IS CLOSED.**

**THE ISSUE FEE MUST BE PAID WITHIN THREE MONTHS FROM THE MAILING DATE OF THIS NOTICE OR THIS  
APPLICATION SHALL BE REGARDED AS ABANDONED. THIS STATUTORY PERIOD CANNOT BE EXTENDED.**

**HOW TO RESPOND TO THIS NOTICE:**

I. Review the SMALL ENTITY status shown above.

If the SMALL ENTITY is shown as YES, verify your current SMALL ENTITY status:

- A. If the status is changed, pay twice the amount of the FEE DUE shown above and notify the Patent and Trademark Office of the change in status, or
- B. If the status is the same, pay the FEE DUE shown above.

If the SMALL ENTITY is shown as NO:

A. Pay FEE DUE shown above, or

B. File verified statement of Small Entity Status before, or with, payment of 1/2 the FEE DUE shown above.

II. Part B-Issue Fee Transmittal should be completed and returned to the Patent and Trademark Office (PTO) with your ISSUE FEE. Even if the ISSUE FEE has already been paid by charge to deposit account, Part B Issue Fee Transmittal should be completed and returned. If you are charging the ISSUE FEE to your deposit account, section "4b" of Part B-Issue Fee Transmittal should be completed and an extra copy of the form should be submitted.

III. All communications regarding this application must give application number and batch number. Please direct all communications prior to issuance to Box ISSUE FEE unless advised to the contrary.

**IMPORTANT REMINDER: Utility patents issuing on applications filed on or after Dec. 12, 1980 may require payment of maintenance fees. It is patentee's responsibility to ensure timely payment of maintenance fees when due.**